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| Based on Form PTO-1449<br>(3/90)                                                                                                                                                                                                                  |    |                                                                                                                                                                               |          | ATTY. DOCKET NO.<br><br>512425-2091 |       | SERIAL NO.<br>10/619,395<br>To be assigned |                               |     |
| LIST OF REFERENCES CITED BY APPLICANT<br>(Use several sheets if necessary)                                                                                                                                                                        |    |                                                                                                                                                                               |          | APPLICANT<br><br>HELL al.           |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   |    |                                                                                                                                                                               |          | FILING DATE<br><br>Herewith         |       | GROUP<br><br>1712                          |                               |     |
|                                                                                                                                                                                                                                                   |    |                                                                                                                                                                               |          |                                     |       |                                            |                               |     |
| U.S. PATENT DOCUMENTS                                                                                                                                                                                                                             |    |                                                                                                                                                                               |          |                                     |       |                                            |                               |     |
| EXAMINER<br>INITIAL                                                                                                                                                                                                                               |    | DOCUMENT NUMBER                                                                                                                                                               | DATE     | NAME                                | CLASS | SUBCLASS                                   | FILING DATE<br>IF APPROPRIATE |     |
|                                                                                                                                                                                                                                                   | AA |                                                                                                                                                                               |          |                                     |       |                                            |                               |     |
| FOREIGN PATENT DOCUMENTS                                                                                                                                                                                                                          |    |                                                                                                                                                                               |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AB | DOCUMENT NUMBER                                                                                                                                                               | DATE     | COUNTRY                             | CLASS | SUBCLASS                                   | TRANSLATION                   |     |
|                                                                                                                                                                                                                                                   |    | DE 2 131 741                                                                                                                                                                  | 12/28/72 |                                     |       |                                            | Germany                       | YES |
|                                                                                                                                                                                                                                                   | AC | DE 198 59 759 C1                                                                                                                                                              | 06/29/00 | Germany                             |       |                                            |                               |     |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)                                                                                                                                                                            |    |                                                                                                                                                                               |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AC | Kenneth R. Seddon, "Ionic Liquids for Clean Technology", J. Chem. Tech. Biotechnol., Vol. 68, pp. 351-356, 1997                                                               |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AD | Thomas Welton, "Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis", Chem. Rev. Vol. 99, pp. 2071-2083, 1999                                                |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AE | J.D. Holbrey, et al., "Ionic Liquids", Clean Products and Processes, Vol. 1, pp. 223-236, 1999                                                                                |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AF | Nazira Karodia, et al., "Clean catalysts with ionic solvents – phosphonium tosylates for hydrformylation", Chem. Commun., pp. 2341-2342, 1998                                 |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AG | Roger Sheldon, "Catalytic reactions in ionic liquids", Chem. Commun., pp. 2399-2407, 2001                                                                                     |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AH | Paulo A.Z. Suarez, et al., "The Use of New Ionic Liquids in Two-Phase Catalytic Hydrogenation Reaction by Rhodium Complexes", Polyhedron, Vol. 15, No. 7, pp. 1217-1219, 1996 |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AI | Applied Homogeneous Catalysis with Organometallic Compounds, Volume 1: Applications, Edited by Boy Cornils and Wolfgang A. Herrmann; pp. 491-506, 1996                        |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AJ | Applied Homogeneous Catalysis with Organometallic Compounds, Volume 1: Applications, Edited by Boy Cornils and Wolfgang A. Herrmann; pp. 572-598, 1996                        |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AK | Applied Homogeneous Catalysis with Organometallic Compounds, Volume 2: Developments, Edited by Boy Cornils and Wolfgang A. Herrmann; pp. 601-633, 1996                        |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AL | Yves Chauvin, et al., Angew. Chem., Vol. 107, Nr. 23/24, pp. 2941-2943, 1995                                                                                                  |          |                                     |       |                                            |                               |     |
|                                                                                                                                                                                                                                                   | AM | Peter Wasserscheid, et al., Angew. Chem., Vol. 112, pp. 3926-3945, 2000                                                                                                       |          |                                     |       |                                            |                               |     |
| EXAMINER<br><br>Kuhn Pong                                                                                                                                                                                                                         |    |                                                                                                                                                                               |          | DATE CONSIDERED<br>10/22/04         |       |                                            |                               |     |
| <p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |    |                                                                                                                                                                               |          |                                     |       |                                            |                               |     |